

UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No. 5080.113 First Inventor Bittar Title Electromagnetic Wave Resistivity Tool Express Mail Label No. EV 301293140 US
---	--

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 71] <i>(ordered arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 27] 5. Oath or Declaration [Total Pages 2] <ol style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> b. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 <ol style="list-style-type: none"> 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ol style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
---	---

ACCOMPANYING APPLICATION PARTS	
<ol style="list-style-type: none"> 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ 	<div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;"> 21904 U.S. PTO 10766427 07/09/03 </div>

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09, 238,832

Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 000716 <div style="border: 1px solid black; width: 150px; height: 15px; margin: 2px auto;"></div> <small>(Insert Customer No. or Attach bar code label here)</small>					
Name Cox & Smith Incorporated			or <input type="checkbox"/> Correspondence address below		
Address 112 E Pecan Street, Suite 1800					
City San Antonio		State TX	Zip Code 78205		
Country US		Telephone (210) 554-5449	Fax 226-8395		
Name (Print/Type) Mark A. Kammer		Registration No. (Attorney/Agent)		34,197	
Signature <i>Mark A. Kammer</i>		Date 7/9/3			

07/09/03

16638 U.S. PTO

Approved for use through 04/30/2003. OMB 0651-0002
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 790

Complete if Known

Application Number

Filing Date

First Named Inventor

Bittar

Examiner Name

Art Unit

Attorney Docket No. 5080.113

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

03/3484

Deposit Account Name

Cox & Smith Incorporated

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
11	20** = 0	X	0
Independent Claims	2 - 3** = 0	X	0
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid over original patent	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$) 0

**or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	1460 130 Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(l)	
1806 180	1806 180	Submission of Information Disclosure Sheet	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			(\$) 40

SUBMITTED BY

Name (Print/Type) Mark A. Kammer

Registration No. 34,197

(Complete if applicable)

Telephone 554-5449

Signature

Mark A. Kammer

Date

7/9/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COX & SMITH
INCORPORATED
ATTORNEYS ♦ COUNSELORS

112 East Pecan Street
Suite 1800
San Antonio, Texas 78205-1521
(210) 554-5500
Fax (210) 226-8395
www.coxsmith.com

Writer's Direct Number
(210) 554-5449

Writer's E-Mail Address
makammer@coxsmith.com

July 9, 2003

5080/113 (DIV II)

Mail Stop PATENT APPLICATION
Assistant Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Re: *United States Divisional Patent Application; Entitled: ELECTROMAGNETIC
WAVE RESISTIVITY TOOL HAVING A TILTED ANTENNA FOR
GEOSTEERING WITHIN A DESIRED PAYZONE; Inventor: Michael Bittar*

Dear Sir or Madam:

Enclosed for filing as a Divisional Application from Serial No. 10/255,048, filed September 25, 2002, are the following documents:

1. Utility Patent Application Transmittal Sheet (PTO/SB/05);
2. Fee Transmittal for FY 2003;
3. Preliminary Amendment;
4. Patent Application (specifications, claims and abstract) (71 pages);
5. Drawings (27 sheets);
6. Assignment Recordation Cover Sheet with Assignment (3 pages)
7. Inventor's Declaration and Power of Attorney (2 sheets);
8. Information Disclosure Statement and copies of 37 references;
9. Check in the amount of \$790.00; and
10. Acknowledgment Post Card.

Sincerely,



Mark A. Kammer
Reg. No. 34,167

EXPRESS MAIL "Post Office to Addressee"
Mailing Label No.: EY 301293140 US
Date of Deposit: July 9, 2003

MAK/cah:Enclosures
cc: Mr. Michael D. McCully, Halliburton, (BT-1349 US DIV) (w/encls.)